

### **ABSTRACT OF THE DISCLOSURE**

A hand free device is commonly shared by a plurality of communication devices, and more particularly to a hand free device which can be used by a plurality of communication devices simultaneously. Such a hand free device includes a microprocessor, more than one I/O interfaces, a multiplexer control unit, more than one multiplexers, a voice processing unit, a speaker amplifying and control unit, a microphone amplifying circuit, a dialing unit, a charging and power supply unit and an artificial interface. Such a hand free device can be simultaneously coupled to multiple communication devices and allows the same to be operable at the same time.

100004450-120501